

CCCGGGTTCA	AGAGATTCTC	CTGTCTCAGC	CTCCCGAGTA	GCTGGGACTA	
CAGGTACGTG	CCACCCACACC	TGGCTAATT	TTGTATTTTT	AGTAGAGACA	100
AGAGTTACAC	CATATTGGCC	AGGATCTTT	GCTTCATA	GCTTCAAAAT	
GTTCTTAATG	TTAAGACATT	CTTAATACTC	TGAACCATAT	GAATTGCCA	200
TTTTGGTAAG	TCACAGACGC	CAGATGGTGG	CAATTTCACA	TGGCACAAACC	
CGAAAGATTA	ACAAACTATC	CAGCAGATGA	AAGGATTTT	TTTAGTTCA	300
TTGGGTTTAC	TGAAGAAATT	GTTGAATT	TCATTGCATC	TCCAGTTCAA	
CAGATAATGA	GTGAGTGATG	CCACACTCTC	AAGAGTTAAA	AACAAAACAA	400
CAAAAAAATT	AAAACAAAAG	CACACAAC	TCTCTCTCTG	TCCCCAAAATA	
CATACTTGCA	TACCCCCGCT	CCAGATAAAA	TCCAAAGGGT	AAAACGTCT	500
TCATGCCTGC	AAATTCCCAA	GGAGGGCACC	TAAAGTACTT	GACAGCGAGT	
GTGCTGAGGA	AATCGGCAGC	TGTTGAAGTC	ACCTCCTGTG	CTCTTGCCAA	600
ATGTTTGAAA	GGGAATAACAC	TGGGTTACCG	GGTGTATGTT	GGGAGGGGAG	
CATTATCAGT	GCTCGGGTGA	GGCAAGTT	GAGTACCCAG	ATGGAGACAT	700
CCGTGTCTGT	GTCGCTCTGG	ATGCCTCCAA	GCCAGCGTGT	GTTCATTTTC	
TGTGTGTGTC	ACCATGTCTT	TGTGCTTCTG	GGTGCTTCTG	TGTTTGTGTT	800
TGGCCGGCGT	TCTGTGTTGG	ACAGGGGTGA	CTTGTGCCG	GATGGCCTTCT	
GTGTGAGAGC	GCGCGCGAGT	GTGCATGTG	GTGAGCTGGG	AGGGTGTGTC	900
TCAGTGTCTA	TGGCTGTGGT	TCGGTATAAG	TCTGAGCATG	TCTGCCAGGG	
TGTATTGTTG	CCTGTATGTG	CGTGCCTCGG	TGGGCACTCT	CGTTTCCTTC	1000
CGAATGTGGG	GCAGTGCCGG	TGTGCTGCC	TCTGCCTGA	GACCTCAAGC	
CGCGCAGGCG	CCCAGGGCAG	GCAGGTAGCG	GCCACAGAAG	AGCCAAAAGC	1100
TCCCGGGTTG	GCTGGTAAGG	ACACCA	CAGCTTTAGC	CCTCTGGGGC	
CAGCCAGGGT	AGCCGGGAAG	CAGTGGTGGC	CCGCCCTCCA	GGGAGCAGTT	1200
GGGCCCGCC	CGGGCCAGCC	CCAGGAGAAG	GAGGGCGAGG	GGAGGGGAGG	
GAAAGGGGAG	GAGTGCCTCG	CCCCTTCGCG	GCTGCCGGCG	TGCCATTGGC	1300
CGAAAGTTCC	CGTACGTAC	GGCGAGGGCA	GTTCCTCTAA	AGTCCTGTGC	
ACATAACGGG	CAGAACGAC	TGCGAAGCGG	CTTCTTCAGA	GCACGGGCTG	1400
GAACGGCAG	GCACCGCGAG	CCCCTAGCAC	CCGACAAGCT	GAGTGTGCAG	
GACGAGTCCC	CACCACACCC	ACACCACAGC	CGCTGA	GGCTTCCAGG	1500
CGTCCGCTCG	CGGCCCGCAG	AGCCCCGCCG	TGGGTCCGCC	CGCTGAGGCG	
CCCCCAGCCA	GTGCGCTTAC	CTGCCAGACT	GCGCGCCATG	GGGCAACCCG	1600
GGAACGGCAG	CGCCTTCTTG	CTGGCACCCCA	ATAGAAGCCA	TGCGCCGGAC	
CACGACGTCA	CGCAGCAAAG	GGACGAGGTG	TGGGTGGTGG	GCATGGGCAT	1700
CGTCATGTCT	CTCATCGTCC	TGGCCATCGT	GTGCTGGCAAT	GTGCTGGTCA	
TCACAGCCAT	TGCCAAGTT	GAGCGTCTGC	AGACGGTCAC	CAACTACTTC	1800
ATCACTTCAC	TGGCCTGTGC	TGATCTGGT	ATGGGCCTGG	CAGTGGTGCC	
CTTGGGGGCC	GCCCCATATT	TTATGAAAAT	GTGGACTTT	GGCAACTTCT	1900
GGTGCAGATT	TTGGACTTCC	ATTGATGTG	TGTGCGTCAC	GGCCAGCATT	
GAGACCCCTGT	CGCTGATCGC	AGTGGATCGC	TACTTGCCA	TTACTTCACC	2000
TTTCAAGTAC	CAGAGCCTGC	TGACCAAGAA	TAAGGCCCGG	GTGATCATT	
TGATGGTGTG	GATTGTGTCA	GGCCTTAC	CCTCTTGCC	CATTAGATG	2100
CACTGGTACC	GGGCCACCC	CCAGGAAGCC	ATCAACTGCT	ATGCCAATGA	
GACCTGCTGT	GACTTCTCA	CGAACCAAGC	CTATGCCATT	GCCTCTTCCA	2200
TCGTGTCCTT	CTACGTTCCC	CTGGTGATCA	TGGTCTTCGT	CTACTCCAGG	
GTCTTTCAGG	AGGCCAAAAG	GCAGCTCCAG	AAGATTGACA	AATCTGAGGG	2300
CCGCTTCCAT	GTCCAGAAC	TTAGGCCAGGT	GGAGCAGGAT		

FIGURE 1

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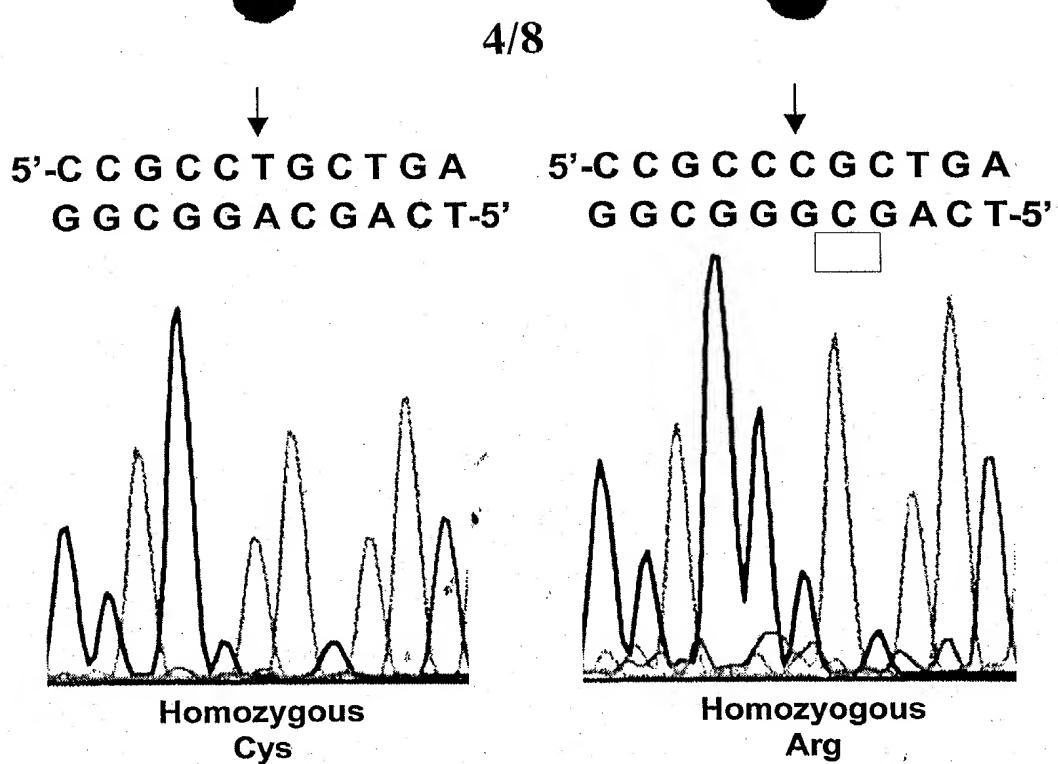
ATGAGGCTTC CAGGCGTCCG CTCGCGGCCGCAGAGCCCC GCCGTGGGTC CGCCTGCTGA

**FIGURE 2**

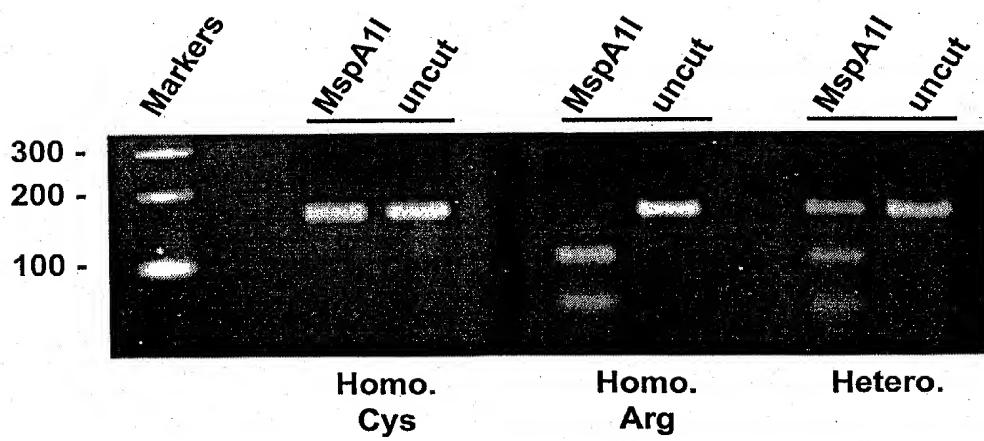
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**MRLPGVRSRPAEPRRG SAC**

**FIGURE 3**



## FIGURE 4A



## FIGURE 4B

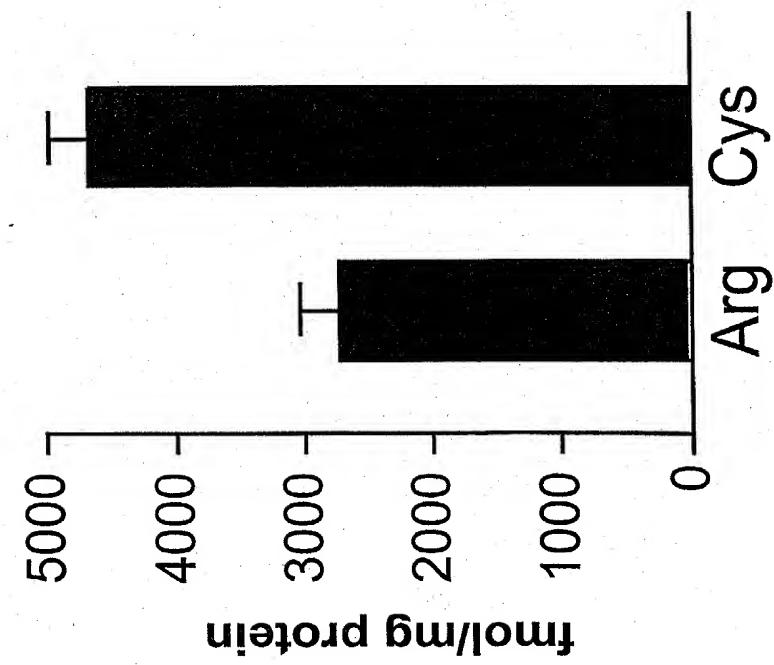


FIGURE 5A

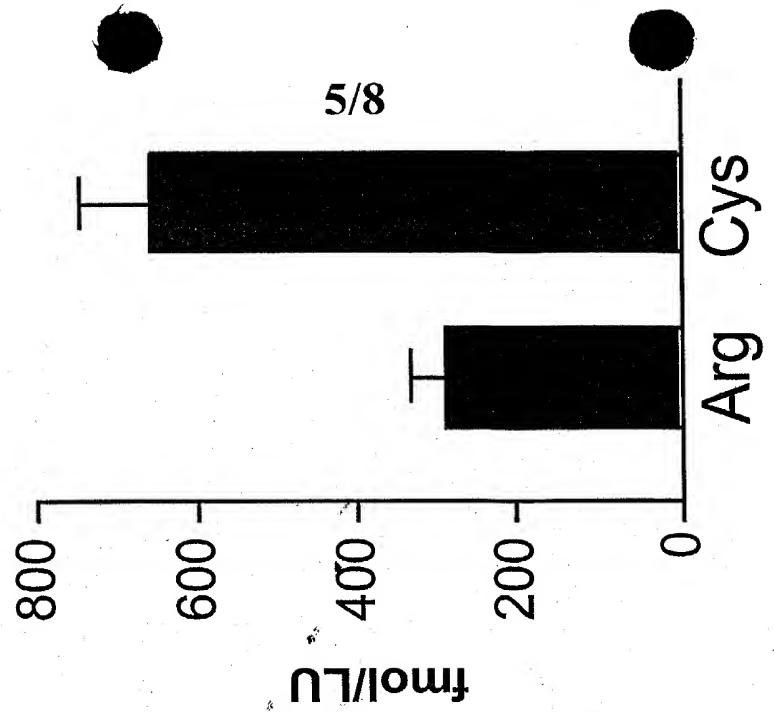
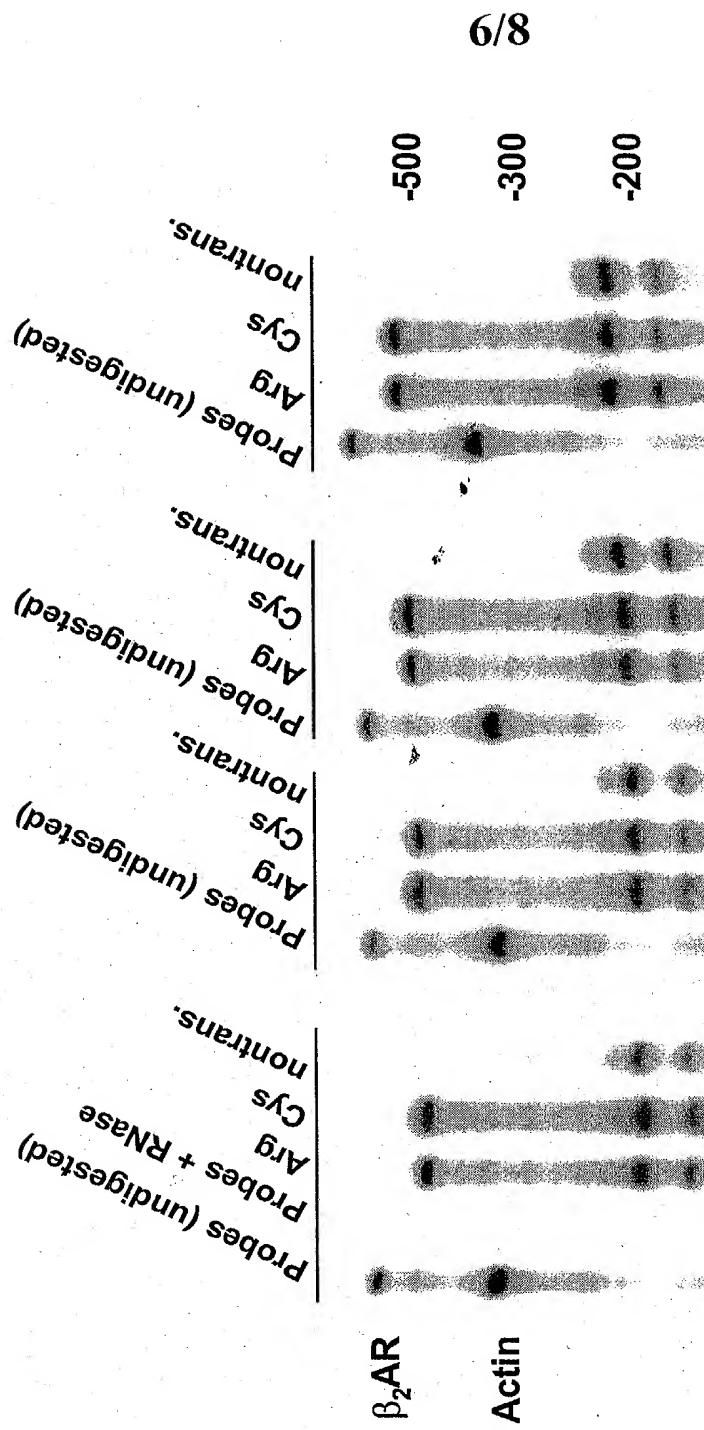
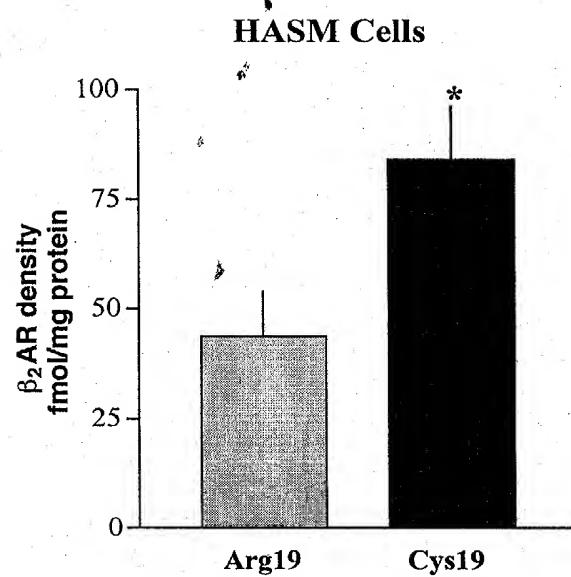


FIGURE 5B

FIGURE 6

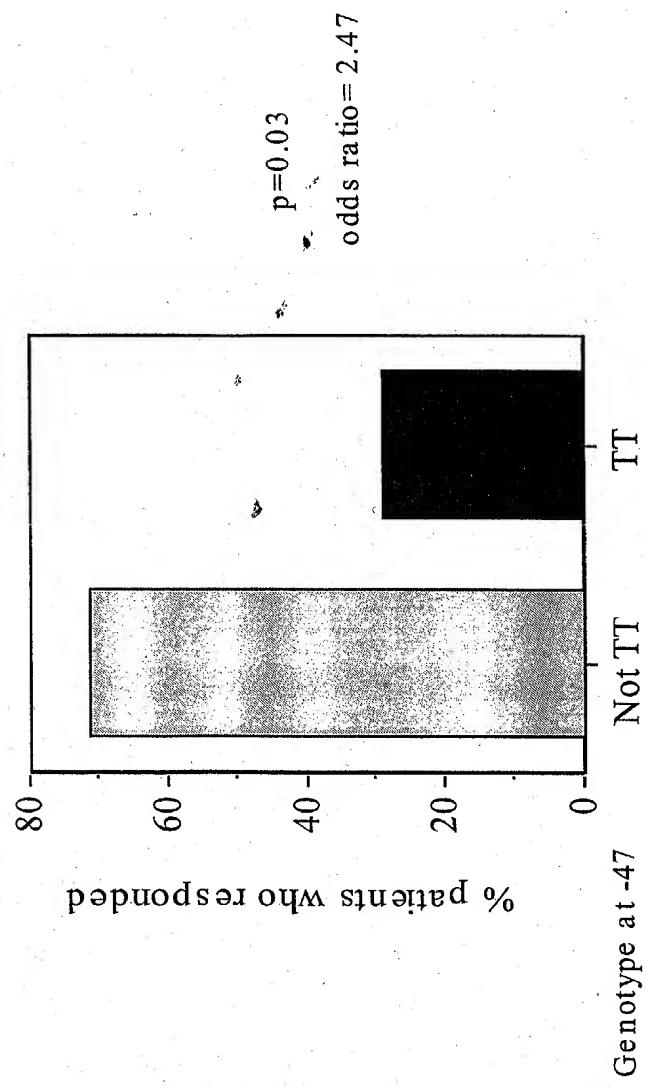


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**FIGURE 7**

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**FIGURE 8**